

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	157052	(detect\$3 or sens\$3 or monitor\$3) near7 (gas\$4 or anthrax)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 11:51
L2	166356	(sampl\$3 or measur\$3 or collect\$3) near5 (gas\$4 or anthrax)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 11:52
L3	219685	(sampl\$3 or measur\$3 or collect\$3 or detect\$3 or sens\$3) near4 (ambient or air)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 11:53
L4	4317	spectro\$metric near9 mass	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:00
L5	582691	(communicat\$3 or transmit\$4 or send\$3) near9 (remot\$3 or wireless\$2 or network\$3 or internet or telephone or cable)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 11:55
L6	170422	(display\$3 or screen) near9 (result or gas\$4 or anthrax or spectro\$metric)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:06
L7	1	1 and 2 and 3 and 4 and 5 and 6	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 11:57
L8	9	1 and 2 and 5 and 6 and spectro\$metric	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:06
L9	191103	(display\$3 or screen or alarm\$3 or alert\$3 or warn\$3) near9 (result or gas\$4 or anthrax or spectro\$metric spectrometer or inferometer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:06
L10	40	1 and 2 and 5 and 9 and (spectro\$metric or spectrometer or inferometer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:44
L13	7	10 and security	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:47
L14	19	(8 or 10) and ((mass or weight) near5 gas\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:29
L15	13	(8 or 10) and (reference near9 gas\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:33
L16	21	(8 or 10) and ((limits or threshold or reference) near9 gas\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:54

L17	1	(8 or 10) and ((CCD or camera or image) near9 (gas\$4 or substance))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:40
L18	107	1 and 2 and 9 and ((CCD or camera or image) near9 (gas\$4 or substance))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:44
L19	0	4 and 18	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:44
L20	24	18 and (spectro\$metric or spectrometer or inferometer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:37
L21	0	20 and security	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:47
L22	21	20 and ((limits or threshold or reference) near9 gas\$4)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:54
L23	0	18 and ((second or third) near5 (spectro\$metric or spectrometer or inferometer))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 12:55
L24	0	(8 or 10 or 14 or 16) and ((second or third) near5 (spectro\$metric or spectrometer or inferometer))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:23
L25	6	(8 or 10 or 14 or 16) and x-ray and image	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:36
L26	6	25 and air	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:33
L27	22	1 and 2 and 4 and x-ray and image	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:37
L28	1	27 and 9	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:36
L29	568	1 and 2 and 9 and (spectro\$metric or spectrometer or inferometer)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:37
L30	25	29 and x-ray and image	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:41
L31	5	29 and (x-ray with gas\$3) and image	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/29 14:42

US 4999498 A	Remote sensing gas ε	250/338.5	250/338.1; 250/339.03; 250/339.1
US 6932155 B2	In situ thermal proces:	166/245	166/272.1; 166/272.7; 166/302; 1
US 6862535 B2	FOURIER TRANSFOI	702/24	
US 6713298 B2	Method and apparatus:	435/287.8	435/287.1; 435/287.3; 435/288.4;
US 6709869 B2	Devices and methods	436/45	422/50; 422/63; 422/64; 422/67; 4
US 6649403 B1	Method of preparing a	435/288.5	435/287.1; 435/287.3; 435/288.2;
US 6516656 B1	System for vehicle em	73/118.1	
US 6319469 B1	Devices and methods	422/64	422/63; 422/67; 422/72; 436/45
US 5525518 A	Method of photometric	436/68	356/39; 356/434; 422/82.05; 422/

Lg

US 6767732 B2	Method and apparatus	435/287.5	422/90; 422/91; 435/288.1; 435/2
US 6713298 B2	Method and apparatus	435/287.8	435/287.1; 435/287.3; 435/288.4;
US 6346983 B1	Methods and wireless	356/338	
US 5452234 A	Process environment	702/22	340/632; 356/439; 700/282; 73/23
US 5270945 A	Process environment	702/28	340/5.6
US 5068798 A	Process environment	702/28	250/343; 340/632; 356/437; 73/23
US 4999498 A	Remote sensing gas	250/338.5	250/338.1; 250/339.03; 250/339.1
US 6947132 B1	Thermo-electrically	cc 356/301	
US 6932155 B2	In situ thermal process	166/245	166/272.1; 166/272.7; 166/302; 1
US 6862535 B2	FOURIER TRANSFORM	702/24	
US 6709869 B2	Devices and methods	436/45	422/50; 422/63; 422/64; 422/67; 4
US 6699202 B1	Method and device for	600/532	128/204.22; 422/84; 600/429; 73/
US 6649403 B1	Method of preparing a	435/288.5	435/287.1; 435/287.3; 435/288.2;
US 6648130 B1	Hyperpolarized gas	tr: 206/.7	206/818; 62/3.1; 62/45.1; 62/914
US 6632402 B2	Oxygen monitoring ap	422/84	436/136; 436/165; 600/532
US 6599253 B1	Non-invasive, miniatur	600/532	356/303
US 6544193 B2	Noninvasive measure	600/558	
US 6516656 B1	System for vehicle em	73/118.1	
US 6456095 B1	Generator interior coo	324/703	250/221; 250/222.2
US 6415792 B1	Anesthesia machine v	128/204.23	128/203.12; 128/205.23
US 6341629 B1	Testing device and m	141/83	141/1; 141/59
US 6319469 B1	Devices and methods	422/64	422/63; 422/67; 422/72; 436/45
US 6286362 B1	Dual mode leak detec	73/40.7	
US 6176323 B1	Drilling systems with	s 175/40	
US 6155160 A	Propane detector syst	99/331	126/112; 126/39R; 126/41R; 250/
US 6149882 A	Parallel fixed bed reac	422/211	422/131; 422/213; 422/63; 422/8
US 6111512 A	Fire detection method	340/577	340/511; 340/522; 340/632
US 6041669 A	Methods of and appar	73/864.74	
US 5910765 A	Sensor module	340/517	340/521; 340/522; 340/540
US 5866430 A	Raman optrode proce	436/172	436/20
US 5767422 A	Methods of and appar	73/864.74	
US 5659126 A	Gas chromatograph te	73/19.02	422/80; 422/89; 73/19.05; 73/23.3
US 5525518 A	Method of photometric	436/68	356/39; 356/434; 422/82.05; 422/
US 5337597 A	Bubble emission volur	73/45.5	
US 5237856 A	Bubble emission volur	73/45.5	
US 4888295 A	Portable system and r	436/161	422/70; 422/89; 422/98; 436/151;
US 4810884 A	Apparatus and metho	250/338.5	250/339.13
US 3961896 A	Analysis of nitrile synt	436/173	422/90
US 3959341 A	Process for low ammo	558/320	422/168; 436/173; 436/55; 558/3;
US 3625613 A	APPARATUS FOR RE	356/301	

L10

US 6713298 B2	Method and apparatus	435/287.8	435/287.1; 435/287.3; 435/288.4;
US 6709869 B2	Devices and methods	436/45	422/50; 422/63; 422/64; 422/67; 4
US 6649403 B1	Method of preparing a	435/288.5	435/287.1; 435/287.3; 435/288.2;
US 6544193 B2	Noninvasive measure	600/558	
US 6319469 B1	Devices and methods	422/64	422/63; 422/67; 422/72; 436/45
US 5866430 A	Raman optrode proce	436/172	436/20
US 5525518 A	Method of photometric	436/68	356/39; 356/434; 422/82.05; 422/

L13

US 5452234 A	Process environment 702/22	340/632; 356/439; 700/282; 73/23
US 5270945 A	Process environment 702/28	340/5.6
US 5068798 A	Process environment 702/28	250/343; 340/632; 356/437; 73/23
US 4999498 A	Remote sensing gas 250/338.5	250/338.1; 250/339.03; 250/339.1
US 6932155 B2	In situ thermal process 166/245	166/272.1; 166/272.7; 166/302; 1
US 6862535 B2	FOURIER TRANSFOI 702/24	
US 6699202 B1	Method and device for 600/532	128/204.22; 422/84; 600/429; 73/
US 6648130 B1	Hyperpolarized gas tr 206/7	206/818; 62/3.1; 62/45.1; 62/914
US 6632402 B2	Oxygen monitoring ap 422/84	436/136; 436/165; 600/532
US 6599253 B1	Non-invasive, miniatur 600/532	356/303
US 6516656 B1	System for vehicle em 73/118.1	
US 6456095 B1	Generator interior coo 324/703	250/221; 250/222.2
US 6155160 A	Propane detector syst 99/331	126/112; 126/39R; 126/41R; 250/
US 6111512 A	Fire detection method 340/577	340/511; 340/522; 340/632
US 6041669 A	Methods of and appar 73/864.74	
US 5910765 A	Sensor module 340/517	340/521; 340/522; 340/540
US 5767422 A	Methods of and appar 73/864.74	
US 5659126 A	Gas chromatograph te 73/19.02	422/80; 422/89; 73/19.05; 73/23.3
US 3961896 A	Analysis of nitrile synt 436/173	422/90
US 3959341 A	Process for low ammo 558/320	422/168; 436/173; 436/55; 558/32
US 3625613 A	APPARATUS FOR RE 356/301	

L16

US 6795178 B1	Method and apparatus	356/311 356/417; 356/419
US 4795253 A	Remote sensing gas	356/51 250/338.5; 356/451; 356/452
US 6818202 B2	Enhancement of NMR	424/9.3 424/9.37; 436/173; 600/410; 600/
US 6807810 B2	Hyperpolarized gas	62/3.1 62/45.1; 62/914
US 6803577 B2	Quantitative imaging	250/339.06 250/330; 250/339.13
US 6747735 B2	Multiplex coherent ran	356/301
US 6744208 B2	Discharge light-emittir	313/637 313/581; 445/15; 445/25
US 6648130 B1	Hyperpolarized gas tr	206/7 206/818; 62/3.1; 62/45.1; 62/914
US 6636811 B1	Method and device for	702/24 702/22; 702/23; 702/25; 702/30
US 6523356 B2	Meted hyperpolarized	62/49.1 424/9.3; 604/181; 604/26
US 6430939 B1	Hyperpolarized gas	62/49.1 600/420; 604/181; 604/20
US 6426058 B1	Enhancement of NMR	424/9.3 424/9.37; 436/173; 600/410; 600/
US 6383050 B1	Process for forming n	445/41 445/24
US 6286319 B1	Meted hyperpolarized	62/49.1 424/9.3; 604/181; 604/26
US 6269648 B1	Hyperpolarized gas	62/3.1 62/45.1; 62/914
US 5946095 A	Natural gas detection	356/519
US 5920069 A	Apparatus for automa	250/339.13 250/339.02; 250/339.06; 250/339
US 5731581 A	Apparatus for automa	250/339.13 250/339.02; 250/343
US 5683547 A	Processing method ar	438/695 216/37; 216/66; 257/E21.311; 25
US 5591644 A	Sensitive on line assa	436/53 422/52; 422/53; 422/66; 422/67; 4
US RE34153 E	Molecular gas analysi	356/301 356/418
US 4648714 A	Molecular gas analysi	356/301 356/418; 600/310; 600/477; 600/
US 3651322 A	DEVICE FOR GAS AN	250/341.6 250/351; 356/312; 356/51
EP 287929 A2, A3, B1	Remote gas sensor - uses infrared sensors to detect gases and dis	

L20

US 6713298 B2	Method and apparatus	435/287.8 435/287.1; 435/287.3; 435/288.4;
US 6319469 B1	Devices and methods	422/64 422/63; 422/67; 422/72; 436/45
US 6138082 A	Standardizing between	702/109 356/319; 356/325; 356/328; 702/1
US 6937695 B2	Analyzing apparatus	378/86 250/281; 378/79; 378/88
US 6932155 B2	In situ thermal process	166/245 166/272.1; 166/272.7; 166/302; 1
US 6881193 B2	Non-invasive device	600/532 422/84; 73/23.3
US 6848325 B2	Explosives screening	73/864.33
US 6799068 B1	Method for verifying	607/2
US 6745072 B1	Method for checking	607/2
US 6736831 B1	Method for operating	607/1 607/2
US 6709869 B2	Devices and methods	436/45 422/50; 422/63; 422/64; 422/67; 4
US 6670618 B1	Method of checking	250/491.1 250/492.3
US 6649403 B1	Method of preparing	435/288.5 435/287.1; 435/287.3; 435/288.2;
US 6639234 B1	Method for checking	250/492.3 250/492.1; 250/492.21; 250/505.
US 6614038 B1	Method for monitoring	250/492.3 250/396R; 250/398; 250/496.1; 2
US 6600164 B1	Method of operating	250/492.3 250/492.1; 250/492.21; 250/505.
US 6544193 B2	Noninvasive measure	600/558
US 5585575 A	Explosive detection	73/863.71 73/23.2; 73/23.33; 73/863.21; 73/
US 5465607 A	Explosive detection	73/23.36 250/282; 250/286; 436/106; 73/3
US 5364797 A	Sensor device	436/501 422/55; 422/82.01; 422/82.05; 42
US 5345809 A	Explosive detection	73/23.2 250/286; 250/287; 250/288; 73/86
US 5212953 A	Apparatus for prevent	62/47.1 250/370.15; 62/51.1
US 5109691 A	Explosive detection	73/23.36 250/286; 73/28.01
US 4987767 A	Explosive detection	73/23.36 250/282; 250/287; 340/632; 73/2
US 4860224 A	Surface analysis	spec 702/28 250/309; 250/311; 250/441.11; 2

L30